

251/19-20

उत्प्रेरक चालक विभाग

~~प्रमुख~~

NABARD (Ment)

Agency **Schedule XLV-Form No. 134**

Sujit Kumar

उत्प्रेरक

DIVISION

उत्प्रेरक

SUB-DIVISION

Measurement Book

251/19-20 उत्प्रेरक विभाग

5th Year Maintenance

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Maintenance of					
road from Nawada Badhai Tola					
to Noriya Tola under M.H.S.					
Agency - Sujit Kumar					
Agreement No - 13 SBD/2018-19					
Date of work order - 26/06/2018					
Actual date of Completion - 15/02/2019					
5th year Maintenance 16/02/2023 to					
Period 15/02/2024					
① Restoration of Rain cuts					
2 x	8.00	x 1.20	x 0.30 =	5.76m ³	
1 x	7.50	x 1.15	x 0.25 =	2.16m ³	
2 x	10.00	x 1.25	x 0.25 =	6.25m ³	
1 x	6.10	x 0.90	x 0.25 =	1.37m ³	
1 x	9.00	x 1.10	x 0.30 =	2.97m ³	
1 x	5.00	x 1.15	x 0.30 =	1.72m ³	
2 x	7.00	x 1.10	x 0.30 =	4.62m ³	
1 x	8.25	x 1.10	x 0.25 =	2.27m ³	
1 x	7.50	x 1.20	x 0.30 =	2.70m ³	
2 x	8.00	x 1.28	x 0.30 =	6.14m ³	
1 x	9.25	x 1.25	x 0.25 =	2.89m ³	
1 x	7.10	x 1.20 + 1.30	x 0.30 =	2.66m ³	
1 x	9.50	x 1.15	x 0.25 =	2.73m ³	
2 x	8.00	x 1.10	x 0.30 =	5.28m ³	
1 x	6.50	x 1.25	x 0.30 =	2.44m ³	
1 x	7.00	x 1.20	x 0.25 =	2.10m ³	

Continuation

54.06m³

Sujit Kumar
08/02/2024
J.C.

Sujit Kumar
08/02/24
P.C.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② Maintenance of earthen shoulder					
1	X	6.15	X	1.20 =	7.38 m^2
2	X	8.50	X	1.28 =	21.76 m^2
1	X	6.50	X	0.75 =	4.87 m^2
1	X	8.60	X	1.25 =	10.75 m^2
1	X	7.10	X	1.20 =	8.52 m^2
1	X	10.50	X	1.25 =	13.12 m^2
1	X	6.50	X	1.10 =	7.15 m^2
3	X	9.60	X	1.15 =	31.05 m^2
1	X	8.75	X	1.25 =	10.94 m^2
2	X	7.50	X	1.20 =	18.00 m^2
1	V	6.10	X	1.10 =	6.71 m^2
2	X	8.60	X	1.20 =	19.20 m^2
1	X	10.25	X	1.25 =	12.81 m^2
1	X	6.50	X	0.85 =	5.52 m^2
2	V	9.60	X	1.28 =	23.04 m^2
1	X	8.10	X	1.20 =	9.72 m^2
1	X	7.50	X	1.25 =	9.37 m^2
1	V	8.20	X	1.25 =	10.25 m^2
1	X	7.15	X	1.28 =	9.15 m^2
2	X	10.60	X	1.20 =	24.00 m^2
1	X	9.25	X	1.25 =	11.56 m^2
2	X	8.60	X	1.28 =	20.48 m^2
1	X	9.60	X	1.25 =	11.25 m^2
Continuation					305.81 m^2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② Restoration of Rain cuts					
1 X	6.25	X 1.20	X 0.30 =	2.25H ³	
2 X	5.00	X 0.85	X 0.30 =	1.27H ³	
1 X	8.10	X 1.25	X 0.25 =	2.53H ³	
3 X	7.00	X 1.28	X 0.30 =	8.06H ³	
2 X	6.00	X 1.10	X 0.30 =	3.96H ³	
1 X	8.50	X 1.20	X 0.25 =	2.55H ³	
2 X	7.50	X 1.25	X 0.25 =	4.69H ³	
3 X	6.50	X 1.15	X 0.30 =	6.73H ³	
2 X	10.00	X 1.20	X 0.25 =	6.00H ³	
Sum				38.04H ³	

④ Maintenance of earthen shoulder					
3	X	8.50	X 1.28 =	32.64H ^L	
4	X	10.00	X 1.25 =	50.00H ²	
5	X	12.00	X 1.20 =	72.00H ^L	
4	X	9.00	X 1.15 =	41.40H ^L	
2	X	5.00	X 1.20 + 1.30 =	12.50H ^L	
3	X	7.00	X 1.10 =	23.10H ²	
6	V	8.00	X 1.28 =	61.44H ^L	
2	X	6.50	X 0.90 =	11.70H ^L	
3	X	7.75	X 1.20 =	27.90H ^L	
1	X	9.00	X 1.15 =	10.35H ²	
4	X	8.50	X 1.10 =	37.40H ^L	
2	X	8.90	X 1.25 =	22.25H ^L	
Continuation					402.67H ^L

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Maintenance of bituminous surface road					
(i) Repair to Pot hole 75mm width					
1 X 2.50 X 1.25 X 0.075 =					0.2311 ³
1 X 3.40 X 1.50 X 0.075 =					0.3411 ³
2 X 3.50 X 1.60 X 0.075 =					0.8411 ³
1 X 3.20 X 1.65 X 0.075 =					0.4011 ³
1 X 2.50 X 1.50 X 0.075 =					0.2811 ³
1 X 2.75 X 1.80 X 0.075 =					0.3711 ³
3 X 4.40 X 2.40 X 0.075 =					1.8011 ³
2 X 3.75 X 1.70 X 0.075 =					0.9611 ³
1 X 2.25 X 1.40 X 0.075 =					0.2411 ³
2 X 4.50 X 2.25 X 0.075 =					1.5211 ³
3 X 5.40 X 2.50 X 0.075 =					2.8111 ³
1 X 3.40 X 1.50 X 0.075 =					0.3411 ³
4 X 3.60 X 2.40 X 0.075 =					2.1611 ³
					12.2911 ³
(ii) Repair to Pot hole					
1 X 2.50 X 1.25 =					3.1211 ²
1 X 3.40 X 1.50 =					4.5011 ²
2 X 3.50 X 1.60 =					11.2011 ²
1 X 3.20 X 1.65 =					5.2811 ²
1 X 2.50 X 1.50 =					3.7511 ²
1 X 2.75 X 1.80 =					4.9511 ²
3 X 4.40 X 2.40 =					24.4011 ²
2 X 3.75 X 1.70 =					12.7511 ²
					69.5511 ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F.		$69.55M^2$
1	X	2.25	X	1.40 =	$3.15M^2$
2	X	4.50	X	2.25 =	$20.25M^2$
3	X	5.40	X	2.50 =	$37.50M^2$
1	X	3.40	X	1.50 =	$4.50M^2$
4	X	3.60	X	2.40 =	$28.80M^2$
					$163.75M^2$
(iii) Patch repair:-					
					$163.75M^2$
(iv) Cutting of branches of trees —————					
					3 Nos
(v) Cutting of shrubs —————					
					14 Nos
(vi) Maintenance of H. P. culvert —————					
					3 Nos
(vii) White washing of Parapet walls of C.D.					
Top	3 Nos	X	2	X	$6.15 \times 0.40 = 14.76M^2$
End	3 Nos	X	4	X	$0.40 \times 0.60 = 2.88M^2$
Side	3 Nos	X	4	X	$6.15 \times 0.60 = 44.28M^2$
					$61.92M^2$
(viii) (i) Maintenance of road sign —————					
					0.36 Km
(ii) Maintenance of 200m stone —————					
					0.58 Km

Continuation

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Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Restoration of Rain cuts					
Q-VTMBP29 ① =			54.06	m ³	
P34 ① =			35.45	m ³	
P31 ③ =			38.04	m ³	
			127.55	m ³	
Ck. 328 =			971	m ³	41960 = m
② Maintenance of earthen shoulder					
Q-VTMBP30 ② =			305.81	m ²	
P31 ④ =			402.67	m ²	
			708.48	m ²	
Ck. 53 =			811	m ²	R. 3812.3 = m
③ Maintenance of bituminous surface road					
(i) Repair to pot holes 75mm					
			WBH		
Q-VTMBP32 ⑤ i =			12.29	m ³	
Ck. 466 =			071	m ³	5728 = m
(ii) Repair to pot holes					
Q-VTMBP32 ⑤ ii =			163.75	m ²	
Ck. 111.16 =			11	m ²	182.02 = m
(iii) Patch repair:-					
Q-VTMBP32 ⑤ iii =			163.75	m ²	
Ck. 99.58 =			11	m ²	16306 = m

Continuation

120319 = m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Maintenance of H.P. culvert					
Q-VTM B/P 33(7) = 3 Nos					
c.R. 1076.79/each R.					3230=00
(5) White washing on parapet walls of CD work					
Q-VTM B/P 33(7) = 61.92 m					
c.R. 15.59/m ² - R.					965=00
(6) Cutting of branches of trees					
Q-VTM B/P 33(6) = 3 Nos					
c.R. 100=50/each R.					301=00
(7) cutting of shrubs					
Q-VTM B/P 33(6) = 14 Nos					
c.R. 6.17/each R.					86=00
(8) Maintenance of road sign					
Q-VTM B/P 33(8) = 0.36 km					
c.R. 1037.25/km - R.					373=00
(9) Maintenance of 200m stone					
Q-VTM B/P 33(8) = 0.58 km					
c.R. 472.48/km R.					274=00
					R. 125,548=00
Less 0.01% below (-)					13=00
					R. 125,535=00
25/01/2024 JE					

Continuation